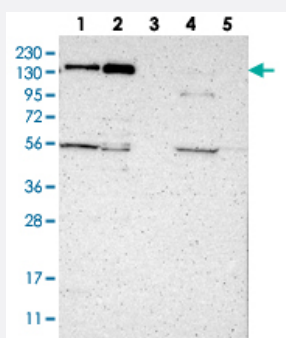


JMJD2A polyclonal antibody

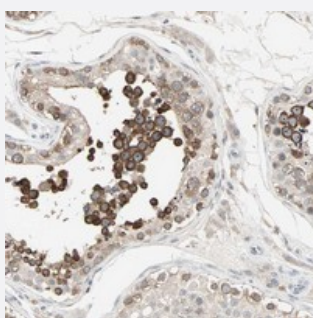
Catalog # PAB20387 Size 100 uL

Applications



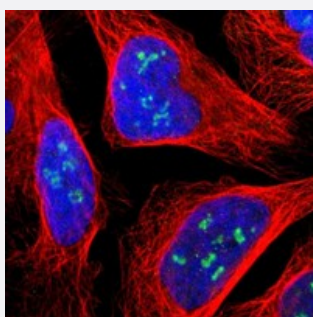
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with JMJD2A polyclonal antibody (Cat # PAB20387) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with JMJD2A polyclonal antibody (Cat # PAB20387) shows strong cytoplasmic positivity in cells in seminiferous ducts.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with JMJD2A polyclonal antibody (Cat # PAB20387) at 1-4 ug/mL dilution shows positivity in nucleoli.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant JMJD2A.

Immunogen

Recombinant protein corresponding to amino acids of human JMJD2A.

Sequence	DVFVRKFQPERYKLWKAGKDNTVIDHTLPTPEAAEFLKESELPPRAGNEEECPPEEDMEGVEDG EEGDLKTSIAKHRIGTKRHRVCLEIPQEVVSQSELPKEDLSSEQYEMTEC
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with JMJD2A polyclonal antibody (Cat # PAB20387) at 1:250-1:500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with JMJD2A polyclonal antibody (Cat # PAB20387) shows strong cytoplasmic positivity in cells in seminiferous ducts.

- Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with JMJD2A polyclonal antibody (Cat # PAB20387) at 1-4 ug/mL dilution shows positivity in nucleoli.

Gene Info — JMJD2A

Entrez GeneID

[9682](#)

Protein Accession#

[O75164](#)

Gene Name	JMJD2A
Gene Alias	JHDM3A, JMJD2, KDM4A, KIAA0677
Gene Description	jumonji domain containing 2A
Omim ID	609764
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a member of the Jumonji domain 2 (JMJD2) family and encodes a protein containing a JmjN domain, a JmjC domain, a JD2H domain, two TUDOR domains, and two PHD-type zinc fingers. This nuclear protein functions as a trimethylation-specific demethylase, converting specific trimethylated histone residues to the dimethylated form, and as a transcriptional repressor. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000008810jumonji C domain-containing histone demethylase 3A